

Suitable for:

SMA LF® Lactose Free Infant Milk

is a nutritionally complete formula, which is suitable as a sole source of nutrition for infants up to 6 months of age or as part of a mixed weaning diet. It may be used in older children and adults with lactose intolerance as part of a lactose free diet. It is designed for the dietary management of primary and secondary lactose intolerance in infants and young children.

SMA LF® Lactose Free Infant Milk is a lactose free formula, based on infant milk from which the lactose has been removed.

Not suitable for:

1. Cows' milk protein intolerance/allergy.
2. Inborn errors of metabolism such as phenylketonuria, galactosaemia and galactokinase deficiency.

Shelf life:

SMA LF® Lactose Free Infant Milk powder has a shelf life of 24 months.



400 g

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

SMA LF® LACTOSE FREE INFANT MILK

From birth onwards data card



- Halal Certified
- Available on prescription

IMPORTANT NOTICE: The World Health Organisation (WHO) has recommended that pregnant women and new mothers be informed on the benefits and superiority of breastfeeding – in particular the fact that it provides the best nutrition and protection from illness for babies. Mothers should be given guidance on the preparation for, and maintenance of, lactation, with special emphasis on the importance of a well-balanced diet both during pregnancy and after delivery. Unnecessary introduction of partial bottle-feeding or other foods and drinks should be discouraged since it will have a negative effect on breastfeeding. Similarly, mothers should be warned of the difficulty of reversing a decision not to breastfeed. Before advising a mother to use an infant formula, she should be advised of the social and financial implications of her decision: for example, if a baby is exclusively bottle-fed, more than one can (400 g) per week will be needed, so the family circumstances and costs should be kept in mind. Mothers should be reminded that breast milk is not only the best, but also the most economical food for babies. If a decision to use a formula is taken, it is important to give instructions on correct preparation methods, emphasising that unboiled water, unsterilised bottles or incorrect dilution can all lead to illness. **SMA LF®** is a lactose-free milk based formula for babies and young children who are intolerant to lactose or sucrose, or who are experiencing symptoms such as diarrhoea, tummy ache or wind caused by temporary lactose intolerance. It is suitable as the sole source of nutrition up to 6 months of age, and in conjunction with solid food up to 18 months of age.



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Nutritional information for SMA LF® Lactose Free Infant Milk

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
Energy				
	kJ	281	419	2106
	kcal	67	100	503
Fat	g	3.4	5.1	25.5
of which, saturates	g	0.8	1.2	6.2
of which, unsaturates	g	2.3	3.8	17.3
Carbohydrate	g	7.6	11.3	56.7
of which, sugars	g	1.1	1.6	8.0
of which, lactose	mg	≤6.7	≤10	≤50
Protein	g	1.6	2.3	11.7
of which, casein	g	0.60	0.89	4.5
of which, whey	g	0.91	1.35	6.8
Vitamins				
Vitamin A	µg	53	80	400
Vitamin D	µg	1.5	2.2	11.2
Vitamin E	mg	1.6	2.4	12
Vitamin K	µg	4.7	7.0	35
Vitamin C	mg	12	18	90
Thiamin	mg	0.06	0.10	0.48
Riboflavin	mg	0.07	0.10	0.5
Niacin	mg	0.49	0.73	3.7
Vitamin B₆	mg	0.03	0.05	0.24
Folate (DFE)*	µg	22.6	33.8	170
Vitamin B₁₂	µg	0.21	0.32	1.6
Biotin	µg	1.33	2.0	10
Pantothenic acid	mg	0.32	0.48	2.4
Minerals				
Sodium	mg	24	36	180
Potassium	mg	83	123	620
Chloride	mg	54	81	405
Calcium	mg	42	63	317
Phosphorus	mg	24	36	180
Magnesium	mg	5.6	8.3	42
Iron	mg	0.7	1.0	5.2
Zinc	mg	0.46	0.68	3.4
Copper	mg	0.05	0.08	0.4
Manganese	mg	0.02	0.03	0.17
Fluoride	mg	≤0.01	≤0.01	≤0.6
Selenium	µg	3.3	5.0	25
Iodine	µg	13	20	100
Others				
Taurine	mg	4.5	6.8	34
Choline	mg	23	33.8	170
Inositol	mg	5.2	7.8	39
L-Carnitine	mg	1.2	1.8	9
Nucleotides	mg	2.3	3.4	17
Omega 3				
α-linolenic acid (ALA)	mg	40	60	300
Docosahexaenoic acid (DHA) [†]	mg	17	26	130
Omega 6				
Linoleic acid (LA)	mg	546	815	4100

Theoretical fatty acid profile of SMA LF® Lactose Free Infant Milk

Fatty Acid		Units	Per 100 ml
Saturated			
Caprylic	C8:0	mg	48
Capric	C10:0	mg	48
Lauric	C12:0	mg	282
Myristic	C14:0	mg	104
Palmitic	C16:0	mg	183
Stearic	C18:0	mg	111
Arachidic	C20:0	mg	1
Behenic	C22:0	mg	16
Total saturated		g	0.8
Monounsaturated			
Palmitoleic	C16:1	mg	3
Oleic	C18:1	mg	1668
Total monounsaturated		g	1.7
Polyunsaturated			
Linoleic	C18:2	mg	546
Linolenic	C18:3	mg	40
Arachidonic	C20:4	mg	0
Docosahexaenoic	C22:6	mg	17
Total polyunsaturated		g	0.6
Linoleic:linolenic ratio			13.7:1

Theoretical amino acid profile of SMA LF® Lactose Free Infant Milk

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	53
Cystine	25
Histidine	37
Isoleucine	84
Leucine	149
Lysine	131
Methionine	34
Phenylalanine	80
Threonine	80
Tryptophan	27
Tyrosine	60
Valine	97
Other Amino Acids	
Aspartic acid	137
Serine	74
Glutamic acid	285
Proline	83
Glycine	28
Alanine	60

mmol information for SMA LF® Lactose Free Infant Milk

Nutrient	Per 100 g powder (mmol)	Per 100 ml (mmol)
Calcium	7.9	1.1
Phosphate	5.8	0.8
Magnesium	1.8	0.2
Iron	0.09	0.01
Zinc	0.05	0.007
Sodium	7.8	1.0
Potassium	15.9	2.1
Chloride	11.6	1.5

SMA LF® Lactose Free Infant Milk ingredients

Powder (400 g): Glucose syrup, vegetable oils (sunflower, coconut, rapeseed), **milk** proteins, potassium chloride, emulsifier (**soya** lecithin), calcium citrate, **fish** oil (DHA), sodium citrate, sodium phosphate, choline bitartrate, acidity regulator (citric acid), L-phenylalanine, vitamin C, L-histidine, magnesium oxide, taurine, L-tryptophan, potassium citrate, ferrous sulphate, inositol, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), antioxidants (tocopherol-rich extract, ascorbyl palmitate), L-carnitine, zinc sulphate, vitamin E, niacin, pantothenic acid, copper sulphate, thiamin, riboflavin, vitamin A, vitamin B₆, manganese sulphate, potassium iodide, folic acid, sodium selenate, vitamin K, vitamin D, biotin, vitamin B₁₂.

Scoop size: 4.4 g

Whey:Casein ratio: 60:40

Potential Renal Solute Load: 146 mOsm/l (powder)

Reconstitution rate: 13.3 g powder/100 ml water

Lactose: ≤0.05 g/100 g powder (Clinically Lactose Free)

Osmolality: 184 mOsm/Kg H₂O (powder)

Osmolarity: 166 mOsm/L (powder)

* DFE = Dietary Folate Equivalent; 1 µg DFE = 1 µg food folate = 0.6 µg folic acid from formula.

† LCPs= Long Chain Polyunsaturates.